

SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT: Gruber, Christian E.
Jessee, Joel A.

5 (ii) TITLE OF INVENTION: Methods for Production and Purification
of Nucleic Acid Molecules

(iii) NUMBER OF SEQUENCES: 1

(iv) CORRESPONDENCE ADDRESS:

10 (A) ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
(B) STREET: 1100 New York Avenue, N.W., Suite 600
(C) CITY: Washington
(D) STATE: DC
15 (E) COUNTRY: USA
(F) ZIP: 20005

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
20 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: (To be assigned)
(B) FILING DATE: (Herewith)
(C) CLASSIFICATION:

25 (vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: US 60/046,219
(B) FILING DATE: 12-MAY-1997
(C) CLASSIFICATION:

(viii) ATTORNEY/AGENT INFORMATION:

30 (A) NAME: Esmond, Robert W.
(B) REGISTRATION NUMBER: 32,893
(C) REFERENCE/DOCKET NUMBER: 0942.4350000

(ix) TELECOMMUNICATION INFORMATION:

35 (A) TELEPHONE: 202-371-2600
(B) TELEFAX: 202-371-2540

(2) INFORMATION FOR SEQ ID NO:1:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 44 base pairs
(B) TYPE: nucleic acid

- (C) STRANDEDNESS: single
- (D) TOPOLOGY: both

(ii) MOLECULE TYPE: cDNA

(ix) FEATURE:

- 5 (A) NAME/KEY: modified_base
 (B) LOCATION: 1
 (D) OTHER INFORMATION: /mod_base= OTHER
/note= "Guanidine at position 1 is biotinylated"

(ix) FEATURE:

- 10 (A) NAME/KEY: modified_base
 (B) LOCATION: 4
 (D) OTHER INFORMATION: /mod_base= OTHER
/note= "Thymidine at position 4 is biotinylated"

(ix) FEATURE:

- 15 (A) NAME/KEY: modified_base
 (B) LOCATION: 7
 (D) OTHER INFORMATION: /mod_base= OTHER
/note= "Thymidine at position 7 is biotinylated"

(ix) FEATURE:

- 20 (A) NAME/KEY: modified_base
 (B) LOCATION: 8
 (D) OTHER INFORMATION: /mod_base= OTHER
/note= "Thymidine at position 8 is biotinylated"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

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